

Converting Colors

XYZ(57.3451, 46.6718, 37.5274)

Have a look what the booklet for
XYZ(57.3451, 46.6718, 37.5274)
contains.

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Color

**XYZ(57.4821, 46.8382,
37.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9D9C
RGB	250, 157, 156
RGB Percent	98%, 62%, 61%
CMY	0.0196, 0.3843, 0.3882
CMYK	0.00, 0.37, 0.38, 0.02
HSL	1°, 90%, 80%
HSV	1°, 38%, 98%
XYZ	57.4821, 46.8382, 37.4635
YIQ	184.6930, 55.7490, 19.4050

Conversions

Conversions Part 2

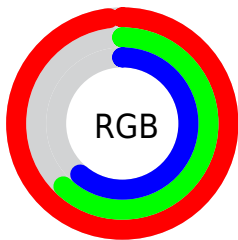
Format	Color
R _Y B	250, 157, 156
Decimal	16424348
CIE Lab	74.09, 34.53, 15.18
CIE LCh	74, 37.717, 23.725
Yxy	46.8382, 0.4054, 0.3303
Android (android.graphics.Color)	4294614428 (0xFFFA9D9C)
YUV	184.6930, -14.1456, 57.2742
Hunter-Lab	68.4384, 30.1566, 15.4513

Details

The XYZ color **57.4821, 46.8382, 37.4635** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.8400, 81.7184, 102.7984**, and the grayscale version is **45.9990, 48.3946, 52.7017**.

A 20% lighter version of the original color is **76.4163, 73.0001, 71.0356**, and **28.9860, 21.9969, 16.0827** is the 20% darker color. If you saturate the color by 10%, you get **51.8097, 38.5397, 26.1813**, and if you desaturate by 10%, it is **64.4396, 57.0094, 51.3243**.

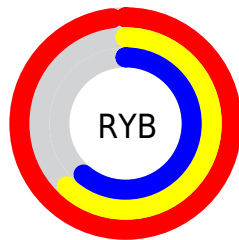
Distribution



Red (98%)

Green (62%)

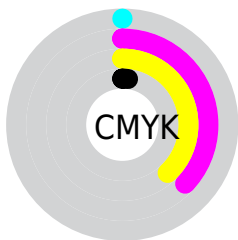
Blue (61%)



Red (98%)

Yellow (62%)

Blue (61%)

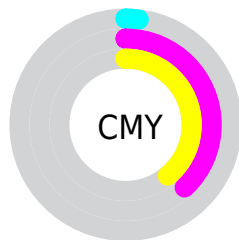


Cyan (0%)

Magenta (37%)

Yellow (38%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4821, 46.8382, 37.4635 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.4821, 46.8382, 37.4635 by changing the saturation by 10% instead.


 57.4821, 46.8382,
37.4635


 57.4821, 46.8382,
37.4635


405.2384,
374.1683, 350.5418

 41.6341, 32.9078,
25.2680

 100.2956, 85.4721,
72.4794

 29.0047, 22.0558,
16.0560

 127.9918,
110.9443, 96.1367

 19.2287, 13.8979,
9.4090

160.3681,
141.0325, 124.4519

 11.9406, 8.0497,
4.9085

197.7898,
176.1212, 157.8432

 6.7752, 4.1268,
2.1359

240.6223,
216.5948, 196.7293

 3.3670, 1.7447,
0.6370

289.2311,

 1.3507, 0.4524,

262.8375, 241.5288

0.0000

343.9813,
315.2339, 292.6601

■ 0.2207, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4821, 46.8382,
37.4635

■ 57.4821, 46.8382,
37.4635

■ 51.8097, 38.5397,
26.1813

■ 64.4396, 57.0094,
51.3243

■ 47.3403, 31.9933,
17.3162

■ 72.7502, 69.1504,
67.9063

■ 43.9883, 27.0754,
10.6924

■ 82.4815, 83.3599,
87.3450

■ 41.6551, 23.6433,
6.1097

■ 93.2344, 99.0640,
108.8150

■ 40.2252, 21.5298,
3.3320

■ 39.5508, 20.5241,
2.0493

■ 39.4534, 20.3821,
1.8547

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.6984, 46.8382, 55.1685



57.4821, 46.8382, 37.4635



52.6434, 46.8382, 26.5278

Triad

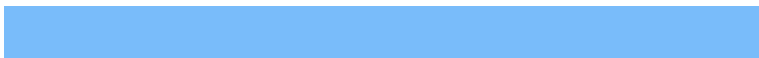
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.4821, 46.8382, 37.4635



34.8575, 46.8382, 32.0238



43.1153, 46.8382, 97.5606

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.4821, 46.8382, 37.4635



64.8400, 81.7184, 102.7984

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.2755, 46.8382, 87.1973



57.4821, 46.8382, 37.4635



32.8283, 46.8382, 47.0447

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.4821, 46.8382, 37.4635



39.5001, 46.8382, 23.9870



33.6667, 46.8382, 67.4552



49.9444, 46.8382, 93.1338

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4821, 46.8382, 37.4635



48.2538, 46.8382, 23.0022



33.6667, 46.8382, 67.4552



40.9808, 46.8382, 95.6223

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.4833, 46.8405, 37.4644



82.6357, 81.8783, 84.0856



68.5684, 51.0035, 96.6734



17.3878, 17.0878, 17.3991



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4833, 46.8405, 37.4644



55.5875, 42.3517, 30.1526



66.7814, 65.4366, 40.5637



17.2595, 17.2549, 17.8832



20.9338, 10.8243, 0.9860



1.9439, 1.0127, 0.0930

Inverse Universe

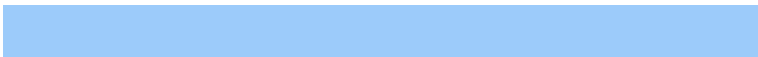
The Inverse Universe completely reimagines the original color for something new.



64.8400, 81.7184, 102.7984



64.2771, 83.5566, 107.3480



52.3220, 56.6824, 98.6258



17.7490, 19.5748, 22.2281



26.8557, 39.0669, 54.0988



2.4923, 3.6282, 5.0121

Previews

White Background



This preview shows how the XYZ color 57.4821, 46.8382, 37.4635 looks on a white background.

Color Contrast Check

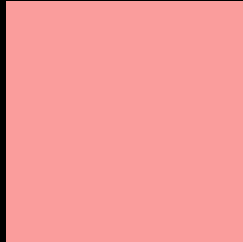
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.4821, 46.8382, 37.4635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4821, 46.8382, 37.4635

Background



This preview shows how black text looks on a background with the XYZ color 57.4821, 46.8382, 37.4635.



This preview shows how white text looks on a background with the XYZ color 57.4821, 46.8382,

37.4635.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.4821, 46.8382, 37.4635

Protanopia

44.8756, 47.1393, 44.2697

Deuteranopia

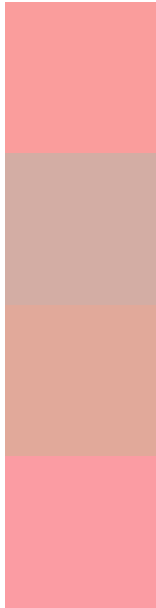
48.1391, 47.1995, 36.7102



Tritanopia

58.4801, 46.7419, 42.4991

Trichromacy



Original Color

57.4821, 46.8382, 37.4635

Protanomaly

48.5084, 46.4164, 41.5245

Deuteranomaly

51.0720, 46.7166, 36.8973

Tritanomaly

58.2830, 46.9305, 40.6370

Monochromacy



Original Color

57.4821, 46.8382, 37.4635

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.2644, 47.2712, 46.5721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4821, 46.8382, 37.4635 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(250, 157, 156)` looks like.

```
.text, #text, p{  
    color:rgb(250, 157, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(250, 157, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 157, 156) }
```

Border

The CSS property to change the border of an element to XYZ 57.4821, 46.8382, 37.4635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 157, 156) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(250, 157, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(250, 157, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 157, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 157, 156);  
box-shadow:4px 4px 4px 4px rgb(250, 157,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4821, 46.8382, 37.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 157, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(250,  
157, 156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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